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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Ekambar R. KANDIMALLA et al) Examiner: Not yet assigned
Serial No.: 10/054,429)) Art Unit: 1635
Filed: January 22, 2002))
For: Cooperative Oligonucleotides))
Attorney Docket No. 47508-580 (HYZ-027CIP)))

TRANSMITTAL LETTER

BOX SEQUENCE

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Enclosed are the following for appropriate action:

1. Reply to Notice to File Missing Parts of Nonprovisional Application;
2. Statement Under 37 C.F.R. §1.82(f);
3. Written copy of Sequence Listing information;
4. Diskette containing Sequence Listing information;
5. Declaration
6. Two Months Extension of Time;
7. Copy of Notice to File Missing Parts of Nonprovisional Application; and
8. Return postcard.

No fees are believed to be due in connection with the filing of this Sequence Listing, other than the Two Months Extension of Time fee. The Commissioner is also hereby authorized to debit Deposit Account No. 08-0219 for any required fee necessary to maintain the pendency of this application.

Date:

Respectfully submitted,

Ann-Louise Kerner

Ann-Louise Kerner, Ph.D.
Registration No. 33,523

HALE AND DORR LLP
60 State Street
Boston, MA 02109
(617) 526-6000 (telephone)
(617) 526-5000 (facsimile)

08/15/2002 JBALINAN 00000106 080219 10054429

01 FC:216 200.00 EX

BOSTON 1480312v1

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 265.00)

Complete if Known

Application Number	10/054,429
Filing Date	01/22/2002
First Named Inventor	Kandimalla, Ekambar R.
Examiner Name	Not yet Assigned
Group Art Unit	1635
Attorney Docket No.	47508.580/HYZ-027CIP

METHOD OF PAYMENT

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number **08-0219**

Deposit Account Name **Hale and Dorr LLP**

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

Applicant claims small entity status. See 37 CFR 1.27

2. Payment Enclosed:
 Check Credit card Money Order Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Small Entity

Fee Code (\$)	Fee	Fee Code (\$)	Fee Description	Fee Paid
101	740	201	370	Utility filing fee
106	330	206	165	Design filing fee
107	510	207	255	Plant filing fee
108	740	208	370	Reissue filing fee
114	160	214	80	Provisional filing fee

SUBTOTAL (1) (\$ 0.00)

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent Claims	-20** =	<input type="text"/>	<input type="text"/>
Multiple Dependent	- 3** =	<input type="text"/>	<input type="text"/>
		0	0

Large Entity Small Entity

Fee Code (\$)	Fee	Fee Code (\$)	Fee Description
103	18	203	9
102	84	202	42
104	280	204	140
109	84	209	42
110	18	210	9

Claims in excess of 20
Independent claims in excess of 3
Multiple dependent claim, if not paid
** Reissue independent claims over original patent
** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 0.00)

**or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid	
105	130	205	65 Surcharge - late filing fee or oath	65.00
127	50	227	25 Surcharge - late provisional filing fee or cover sheet	
139	130	139	130 Non-English specification	
147	2,520	147	2,520 For filing a request for ex parte reexamination	
112	920*	112	920* Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840* Requesting publication of SIR after Examiner action	
115	110	215	55 Extension for reply within first month	
116	400	216	200 Extension for reply within second month	200.00
117	920	217	460 Extension for reply within third month	
118	1,440	218	720 Extension for reply within fourth month	
128	1,960	228	980 Extension for reply within fifth month	
119	320	219	160 Notice of Appeal	
120	320	220	160 Filing a brief in support of an appeal	
121	280	221	140 Request for oral hearing	
138	1,510	138	1,510 Petition to institute a public use proceeding	
140	110	240	55 Petition to revive - unavoidable	
141	1,280	241	640 Petition to revive - unintentional	
142	1,280	242	640 Utility issue fee (or reissue)	
143	460	243	230 Design issue fee	
144	620	244	310 Plant issue fee	
122	130	122	130 Petitions to the Commissioner	
123	50	123	50 Processing fee under 37 CFR 1.17(q)	
126	180	126	180 Submission of Information Disclosure Stmt	
581	40	581	40 Recording each patent assignment per property (times number of properties)	
146	740	246	370 Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370 For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370 Request for Continued Examination (RCE)	
169	900	169	900 Request for expedited examination of a design application	
Other fee (specify) _____				

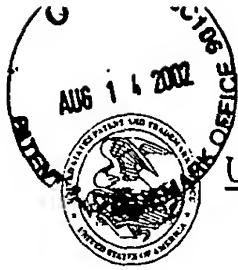
*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$ 265.00)

SUBMITTED BY

Name (Print/Type)	Ann Louise Kerner, Ph.D.	Registration No. (Attorney/Agent)	33,523	Telephone	617-526-6000
Signature	<i>Ann Louise Kerner</i>			Date	08/09/2002

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



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#6

UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/054,429	01/22/2002	Ekambar R. Kandimalla	47508-580/HYZ-027CIP

23483
HALE AND DORR, LLP
60 STATE STREET
BOSTON, MA 02109

CONFIRMATION NO. 7279

FORMALITIES LETTER



'OC000000007837096'

Date Mailed: 04/10/2002

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

08/15/2002 JBALINAN 00000107 080219 10054429

FILED UNDER 37 CFR 1.53(b)

01 FC:205 65.00 CH

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given TWO MONTHS from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is missing.
A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.
- **The balance due by applicant is \$ 65.**
- This application does not contain a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). Applicant must provide such statement. If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000).
- A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 C.F.R. 1.821(e). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.

For questions regarding compliance to these requirements, please contact:

- For Rules Interpretation, call (703) 308-4216
- To Purchase PatentIn Software, call (703) 306-2600
- For PatentIn Software Program Help, call (703) 306-4119 or e-mail at patin21help@uspto.gov or patin3help@uspto.gov

*A copy of this notice **MUST** be returned with the reply.*

S.B

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART I - ATTORNEY/APPLICANT COPY

HALE & DORR DOCKETING
RE: 47508-580 vs2
Action Date: 6/10/02
Action to be Taken: DD
Docketed by: AA On: 4/16/02



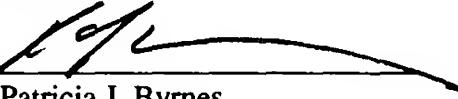
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CERTIFICATE OF FIRST CLASS MAILING UNDER 37 CFR §1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, DC 20231 on the date indicated below.

Date:

By:


Patricia J. Byrnes

47508.580/HYZ-027CIP